

## Page 1 of 1

All amounts are calculated in domestic currency.

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ Reject Qty	Book Amt
VendorID\Vendor Name		VC-CAM002	Campi Steel								
POS2767	1		M174B0.250X4.000 f	f	6/30/2016	7/7/2016	12.0000	\$24.20	0.0000	0	\$290.44
CAD	No		17-4 SS Bar .250 X 4.00	f	12.0000	PLDU01		\$290.44	0.0000	0	
			m135174								
	2		M174R0.750	f	6/28/2016	7/7/2016	12.0000	\$6.04	0.0000	0	\$72.47
	No		17-4 round bar .750	f	12.0000	PLDU01		\$72.47	0.0000	0	
			m135174								
Total Received Quantity:											24.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$362.91
Total Balance Due Quantity:											0.0000



**DISTRIBUTEUR D'ACIER ET DE MÉTAUX SPÉCIALISÉS  
STEEL AND SPECIALTY METALS DISTRIBUTOR**

**www.aciercampi.com**

267193 N<sub>0</sub>

DATE	20/06/16
BON DE LIVRAISON PACKING SLIP	N°
DATE DE LIVRAISON	07/07/16

PAGE N° 1361

* Unités de mesure :	CLB	CPI	UN	PI	PC
Units of measure :	Hundred pounds	Hundred feet	Unit	Pieds Foot	Pied carré Square foot

5.9

ALL SOLD AND DELIVERED MATERIALS BECOME THE PROPERTY OF "ACCE-SCAPE INC." UNTIL PAYMENT IS MADE FULL, COMPLETE AND CASHED. • ALL LISTED MATERIALS ARE AT THE BUYER'S RISK. • ALL MATERIALS BEAR THE SAME LIABILITY AS GIVEN BY THE MANUFACTURER. • THE BUYER HEREBY ACCEPTS TO RESPECT THE FOLLOWING CONDITIONS: NET 30 DAYS FROM BILLING DATE AND THE BUYER AGREES TO PAY ADMINISTRATIVE CHARGES OF 2% PER MONTH OR 4% PER ANNUAL ON ALL PAST DUE ACCOUNTS FOR 90 DAYS. • ANY DEFAULT IN RESPECT WITH THIS CONTRACT WILL LEAD TO PAYMENT BY ACCE-SCAPE AND PREPAYS TO THE SELLER, AT HIS CHOICE TO CLAIM FOR THE BALANCE DUE OR THE RECONFESSION OF THE GOODS SOLD. • ANY CLAIM MUST BE MADE WITHIN THE DAYS WITH THIS DOCUMENT ENCLOSED. • **ANY MERCHANDISE THAT HAS BEEN DAMAGED, CUT OR MODIFIED CANNOT BE RETURNED.** • ALL GOODS RETURNED MUST BE WITH OUR AUTHORIZATION AND ARE SUBJECT TO A 25% RESTOCKING CHARGE.

T.V.Q. / T.V.H.	T.P.S.
G.S.T. / H.S.T.	G.S.T.
<hr/>	
SUB TOTAL	SUB TOTAL
<hr/>	
SOUS-TOTAL	SOUS-TOTAL

HEURE / TIME

X  
M  
D



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO32767

Purchase Order Date 6/20/2016

PO Print Date 6/20/2016

Page Number 1 of 6

Ship To : DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

CAMP STEEL  
935 BOUL. DU HAVRE  
VALLEYFIELD, QC J6S 5L1  
CA

Order From :

VC-CAM002

Buyer Chantal Laviole  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Contact Name 800 667 4248  
Vendor Phone  
Ship To Contact  
Ship To Phone  
Ship Via: Yours ppd  
Ship Acct:

Line	Reference	Description/	Reg Date/	CD	Reg Qty/	Unit of	Measure	PO Unit Price	Extended
1	M174B0.250X4.000	17-4 SS Bar .250 X 4.00	6/30/2016	Yes	12.00			\$31.26	\$375.15

MATERIAL: 17-4 PH SS BAR AS PER AMS 5604 / 5643  
GRAIN DIRECTION MUST BE ALONG LENGTH  
MINIMUM YIELD TENSILE STRENGTH = 100KSI  
MINIMUM ULTIMATE TENSILE = 150 KSI

2	M174R0.750	17-4 round bar .750	6/28/2016	Yes	12.00			\$7.80	\$93.60
---	------------	---------------------	-----------	-----	-------	--	--	--------	---------

17-4PH/S17400/TYPE 630 SS ROUND BAR PER AMS 5643/ASTM A564  
GRAIN MUST BE ALONG LENGTH OF BAR. MINIMUM YIELD TENSILE STRENGTH = 100KSI  
MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

Line Total: \$93.60

Line Total: \$375.15

PO Instructions: QUOTE # 386791,386554,386266,386708

Note:

6/20/2016

E-MAILED

JUN 20 2016



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO32767  
Purchase Order Date 6/20/2016  
PO Print Date 6/20/2016

Page Number 2 of 6

Ship To: DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

CAMP STEEL  
935 BOUL. DU HAVRE  
VALLEYFIELD, QC J6S 5L1  
CA

VC-CAM002

Order From:

Buyer Chantal Lavoie  
Customer POID 10127-2607  
Customer Tax # Net 30  
Terms CAD  
Currency FCA (Free Carrier)  
FOB

Contact Name Vendor Phone 800 667 4248

Ship To Contact  
Ship To Phone  
Ship Via  
Ship Acct:

Yours ppd

3 M303B1.000X1.000  
303 BAR 1" X 1"  
6/27/2016 Yes

MATERIAL: AISI 303 SS BAR AS PER ASTM A582  
NOTE: AISI 304/316 NOT ACCEPTABLE

\$19.30

\$231.65

Line Total:

\$231.65

\$10.95

\$131.40

4 M304B0.500X2.500  
304 BAR .500 x 2.50  
6/28/2016 Yes

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS  
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

5 M304S14GA  
304SS sheet .080  
6/22/2016 Yes

MATERIAL: AISI 304/316 SS SHEET

ANNEALED  
SPECIFICATION: MIL-S-5059  
OR AMS 5513 (304)  
OR AMS 5524 (316)  
OR ASTM A240  
OR ASME SA240

PO Instructions: QUOTE # 386791,386554,386266,386708

Note:

6/20/2016

\$8.13

\$131.40

Line Total:

\$260.05

32.00 sf

6-22

6-22



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

PURCHASE ORDER  
Purchase Order ID PO32767  
Purchase Order Date 6/20/2016  
PO Print Date 6/20/2016  
Page Number 3 of 6

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Order From :  
CAMP1 STEEL  
935 BOUL. DU HAVRE  
VALLEYFIELD, QC J6S 5L1  
CA

Buyer  
Customer POID  
Customer Tax #  
Terms  
Currency  
FOB  
Chantal Lavoie  
10127-2607  
Net 30  
CAD  
FCA - (Free Carrier)

Contact Name  
Vendor Phone  
Ship To Contact  
Ship To Phone  
Ship Via  
Ship Acct:  
800 667 4248  
Yours ppd

\$260.05	Line Total:	\$6.51	64.00	sf	6/22/2016	Yes	304/316 Sheet .063	6/22/2016	M304S16GA	6
\$416.56	Line Total:	\$6.51	64.00	sf	6/22/2016	Yes	304/316 Sheet .063	6/22/2016	M304S16GA	6
\$416.56	Line Total:	\$6.51	64.00	sf	6/22/2016	Yes	304/316 Sheet .063	6/22/2016	M304S16GA	6

MATERIAL: AISI 304/316 SS SHEET  
ANNEALED  
SPECIFICATION: MIL-S-5059  
OR AMS 5513 (304)  
OR AMS 5524 (316)  
OR ASTM A240  
OR ASME SA240

\$247.50	Line Total:	\$2.58	96.00	sf	6/28/2016	Yes	6061-T6 .040 Sheet	6/28/2016	M6061T6S.040	7
\$247.50	Line Total:	\$2.58	96.00	sf	6/28/2016	Yes	6061-T6 .040 Sheet	6/28/2016	M6061T6S.040	7
\$247.50	Line Total:	\$2.58	96.00	sf	6/28/2016	Yes	6061-T6 .040 Sheet	6/28/2016	M6061T6S.040	7

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER  
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027  
OR ASTM B209

PO Instructions: QUOTE # 386791,386554,386266,386708  
Note:

6/20/2016

# PURCHASE ORDER

Purchase Order ID PO32767

Purchase Order Date 6/20/2016  
PO Print Date 6/20/2016

Page Number 4 of 6



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Order From :  
CAMP STEEL  
935 BOUL DU HAVRE  
VALLEYFIELD, QC J6S 5L1  
CA

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Contact Name 800 667 4248  
Vendor Phone  
Ship To Contact  
Ship Via: Yours ppd  
Ship Acct:

8	M6061T6S.080	6061-T6 .080 Sheet	6/28/2016	Yes	96.00	sf	\$5.14	\$493.30
MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209								
Line Total: \$493.30								

9	M6061T6S.090	6061-T6 .090 Sheet	6/28/2016	Yes	48.00	sf	\$5.78	\$277.35
MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209								
Line Total: \$277.35								

10	71550-20	MILD STEEL 3/4" X 4"	6/28/2016	Yes	1.00	Each	\$98.30	\$98.30
1 PCS 10 FT								
Line Total: \$98.30								

Deliver To: CNC

PO Instructions: QUOTE # 386791,386554,386266,386708  
Note:

6/20/2016

# PURCHASE ORDER

Purchase Order ID PO32767

Purchase Order Date 6/20/2016  
PO Print Date 6/20/2016

Page Number 5 of 6

Ship To : DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

VC-CAM002

Order From :

CAMI STEEL  
935 BOUL. DU HAVRE  
VALLEYFIELD, QC J6S 5L1  
CA

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Contact Name  
Vendor Phone 800 667 4248  
Ship To Contact  
Ship To Phone  
Ship Via: Yours ppd  
Ship Acct:

11	M316R1.000	316 round bar 1.00	6/23/2016	Yes	6/23/2016	12.00	\$11.31	\$135.77
(NOTE: AISI 303 NOT ACCEPTABLE)								
MATERIAL: AISI 316 SS ROUND BAR AS PER ASTM A276								

12	71400-90	MILD STEEL SQUARE TUBING 1-1/4 X 1-1/4 X .125" WALL	6/28/2016	Yes	6/28/2016	1.00	\$32.02	\$135.77
Line Total: \$135.77								
13	71400-90	MILD STEEL BAR 1/4" X 1-1/4"	6/28/2016	Yes	6/28/2016	1.00	\$6.99	\$6.99
Line Total: \$6.99								

Deliver To: IAN

PO Instructions: QUOTE # 386791.386554.386266.386708

Note:

6/20/2016

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053





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Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

**PURCHASE ORDER**  
Purchase Order ID PO32767  
Purchase Order Date 6/20/2016  
PO Print Date 6/21/2016  
Page Number 6 of 6

Order From : VC-CAM002  
CAMP1 STEEL  
935 BOUL. DU HAVRE  
VALLEYFIELD, QC J6S 5L1  
CA  
Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 800 667 4248  
Ship To Contact  
Ship To Phone  
Ship Via: Yours ppp  
Ship Acct:

Buyer Chantal Laviole  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

14	71401-45	PROCUREMENT	6/28/2016	No	6/28/2016	1.00	\$0.00
QUALITY CLAUSES							

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

15	71475-25	SKID	6/28/2016	Yes	6/28/2016	1.00	\$50.00
Line Total: \$50.00							
PO Total: \$2,849.64							

816-45

PO Instructions: QUOTE # 386791,386554,386266,386708  
Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.  
Change Nbr: 2  
Change Date: 6/21/2016



ACIER CAMPI INC.  
 935 Boul. du Havre  
 Valleyfield, Quebec J6S 5L1  
 Tel: (514) 336-4248 (MTL) Fax: (514) 336-4246  
 (450) 377-4248 (450) 377-5696

SUBMISSION 386791

(F) 613-632-1053  
 (T) 613-632-5200  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAMKESBURY,  
 ONTARIO  
 K6A 1K7  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAMKESBURY,  
 ONTARIO  
 K6A 1K7  
 DATE 17/06/16  
 LIVREE 17/06/16

Code Client Rep Conditions Page  
 DART 001  
 NET 30 JOURS  
 Par Montant

Description	Quant.	Poids	Prix	Par	Montant
17-4 FLAT 1/4" X 4"	41	41	9.150		375.15
1 X 12' R/L (+/- 41 POUNDS)					
DELIVERY: 8-10 WORKING DAYS					
17-4 ROUND BAR .750"	18	18	5.200		93.60
1 X 12' R/L (+/- 18 POUNDS)					
DELIVERY: 3-5 WORKING DAYS					
303 BAR SQUARE 1"	41	41	5.650		231.65
1 X 12' R/L (+/- 41 POUNDS)					
DELIVERY: 3-4 WORKING DAYS					
S.S. 303 ROUND 1/2"	48	32	287.950	CLB	92.33
4 X 12' R/L STOCK					
S.S. 303 ROUND 3/4"	84	126	257.950	CLB	325.45
7 X 12' R/L					
DELIVERY: 2-3 WORKING DAYS					
FLAT SS-304 1/2" X 2 1/2"	12	12	10.950		131.40

Poids total  
 Sous-total  
 TPS  
 TVQ  
 TOTAL

IMPORTANT: Cette offre est basee sur la disponibilite et le prix actuel du materiel qui peut etre revise a la reception de la commande.

Prix valide pour 15 jours

Veuillez faire parvenir un accuse de reception pour accepter la soumission.

ACIER CAMP INC.  
 935 Boul. du Havre  
 Valleyfield, Quebec J6S 5L1  
 Tel: (514) 336-4248 (MTL)  
 Fax: (514) 336-4246  
 (450) 377-4248  
 (800) 667-4248

SUBMISSION 386791

(F) 613-632-1053  
 (T) 613-632-5200  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAMMERSBURY,  
 ONTARIO  
 K6A 1K7  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAMMERSBURY,  
 ONTARIO  
 K6A 1K7  
 DATE 17/06/16  
 LIVREE 17/06/16

Code Client Rep Conditions Page  
 DART AEROSPACE LTD  
 V  
 NET 30 JOURS  
 002  
 Description Quant. Poids Prix Par Montant

1 X 12' R/L  
 DELIVERY: 2-3 WORKING DAYS  
 S.S. 304 2B 14 JA 48 X 96  
 1 X 4' X 8' STOCK  
 S.S. 304 2B 16 JA 48 X 96  
 2 X 4' X 8' STOCK  
 FLLE 6061-T6 0.040"  
 2 X 4' X 12'  
 FLLE 6061-T6 0.080"  
 2 X 4' X 12'  
 FLLE 6061-T6 0.090"  
 2 X 4' X 12'  
 SKID FROM SUPPLIER  
 260.05  
 416.56  
 247.50  
 493.30  
 277.35  
 50.00

Poids total 546  
 Sous-total 2994.34  
 TPS 0.00  
 TVQ 389.27  
 TOTAL 3383.61

IMPORTANT: Cette offre est basée sur la disponibilité et le prix actuel du matériel qui peut être révisé à la réception de la commande.

Prix valide pour 15 jours

Veuillez faire parvenir un accusé de réception pour accepter la soumission.

ACIER CAMP INC. Tel: (514) 336-4248 (MTL) Fax: (514) 336-4246  
 935 Boul. du Havre (450) 377-4248  
 Valleyfield, Quebec J6S 5L1 (800) 667-4248

SUBMISSION 386454

(F) 613-632-1053  
 (T) 613-632-5200  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAWKESBURY,  
 ONTARIO  
 K6A 1K7  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAWKESBURY,  
 ONTARIO  
 K6A 1K7  
 DATE 14/06/16  
 LIVREE 14/06/16

Code Client	Rep	Conditions	Page
DART	V	NET 30 JOURS	001

Description	Quant.	Poids	Prix	Par	Montant
S.S. 316 ROND 1	12	31	426.950	CLB	135.77
1 X 12" R/L STOCK					

THANK YOU! VALERIE

Poids total	31	Sous-total	TPS	TVQ	TOTAL
135.77			0.00	17.65	153.42

IMPORTANT: Cette offre est basee sur la disponibilite et le prix actuel du materiel qui peut etre revise a la reception de la commande.

Prix valide pour 15 jours

Veuillez faire parvenir un accuse de reception pour accepter la soumission.

ACIER CAMPI INC.  
 935 Boul. du Havre  
 Valleyfield, Quebec J6S 5L1  
 Tel: (514) 336-4248 (MTL) Fax: (514) 336-4246  
 (450) 377-4248 (450) 377-5696

QUOTE 386266

(F) 613-632-1053  
 (T) 613-632-5200  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAWKESBURY,  
 ONTARIO  
 K6A 1K7  
 DELIVERED 10/06/16  
 DATE 10/06/16

Client code Rep Conditions Page  
 DART AEROSPACE LTD  
 NET 30 JOURS  
 001  
 Description Quant. Weight Price By Ext. Price

H.R. PLAT 3/4 X 4 20 10 102 0.000 CLB UN 98.300 0.00 98.30  
 \*\*\*\*\*PRICE\*\*\*\*\*  
 1 X 10' STOCK  
 THANK YOU, FRED

Total weight 102  
 Sub-total 98.30  
 GST 0.00  
 PST 12.78  
 TOTAL 111.08

IMPORTANT: This offer is based upon the availability and the actual price of the material which may be revised upon reception of the order.

Prices are valid for 15 days

Please send a reply to accept this quote.

ACIER CAMPI INC.  
 935 Boul. du Havre  
 Valleyfield, Quebec J6S 5L1  
 Tel: (514) 336-4248 (MTL) Fax: (514) 336-4246  
 (450) 377-4248 (450) 377-5696

SUBMISSION 386708

(F) 613-632-1053  
 (T) 613-632-5200  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAWKESBURY,  
 ONTARIO  
 K6A 1K7  
 DART AEROSPACE LTD  
 1270 ABERDEEN STREET  
 HAWKESBURY,  
 ONTARIO  
 K6A 1K7  
 DATE 16/06/16  
 LIVREE 16/06/16

Code Client	Rep	Conditions	Page
DAER	V	NET 30 JOURS	001

Description	Quant.	Poids	Prix	Par	Montant
HSS SQ. 1-1/4 X 1-1/4 X .125	24	42	74.950 CLB		32.02
1 X 24" STOCK					
H.R. FLAT 1/4 X 1 1/4	10	10	65.950 CLB		6.99
1 X 10" STOCK					

Poids total	53	Sous-total	39.01
		TPS	0.00
		TVO	5.07
		TOTAL	44.08

IMPORTANT: Cette offre est basee sur la disponibilité et le prix actuel du materiel qui peut etre revise a la reception de la commande.

Prix valide pour 15 jours

Veuillez faire parvenir un accuse de reception pour accepter la soumission.



# Certificate of Mill Test Results

BL PEC-906953-001

23Jun16

Signed by: 

Pg 1/2

## Acciaierie Valbruna S.p.A.



**CERTIFICATO DI COLLAUDO**  
**ABNAHMEPRUEFZEUGNIS**  
**INSPECTION CERTIFICATE**  
**CERTIFICAT DE RECEPTION**  
**EN 10204 (2004) , 3.1**

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

35100 VICENZA (Italia) - Viale della scienza, 25 z.i.  
Telefono 0444.968211 - Fax 0444.963836  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4/37  
Telefono 0471.924111 - Fax 0471.924497

Cliente / Besteller/Purchaser/Client  
**VALBRUNA CANADA LTD**  
8724 HOLGATE CRESCENT  
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Produttore : **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller/Produktionsunternehmen

Stato di fornitura : Hot rolled - COND. A Peeled  
Lieferzustand / Delivery state  
Etat de livraison  
Reeled/Polished

Avviso di Spedizione: D-VI15022085  
Lieferanweisung/Packing Instruction

Ordine nr: 502005152 Stock - Canada  
Bestell  
Your order  
Commande

Tipo di Elaborazione: E+AOD  
Erzeugnisart/Herstellung Prozess/Mode of elaboration

Certificato nr: MEST733693/2015/

Prüfung/Test/Essai

Conferma ordine nr: EI15001310

Werkstatt/Order/Essai

Marchio di Fabbrica:

Zeichen des Lieferanten  
Trade mark  
Sigle de l'usine productrice

Punzone del Collaudatore:

Stempel des Werkstoffprüfenden  
Inspector's stamp/Emplacement de l'essayeur



MR

Specifiche:  
Anforderungen / Requirements / Exigences

VSI 2690 A  
AMS 5843 T S17400 A  
ASTM A564 2013 S17400 A  
(SECTION 9 FTA 2013 EDITION)

Qualità: 630

Werkstoff/Grade/Qualité

Marca:

Markenbezeichnung  
Brand/Marken

V174

DAS

48

9-89

14/07/08

ANSI 630

ASME SA564 2013 S17400 A (D)

AMS 2303 F

ASTM A370 2014

Tolleranza: ASTM A484-14a TABLE 7		Punzonatura: 630	
Tolerance: ASTM A484-14a TABLE 7		Kannzeichnung/Marking/Markierung	
Pos. nr. Pos. nr. N° de pos.	Objetto Object Produit Description Description de l'objet	Dimensioni - in Abmessungen Dimension Dimension	Lunghezza - in Länge Length Longueur
0030	Round	0,7500	145/ 145
			266870
			1.929
			433607180

TEST ALLO STATO DI FORNITURA									
Test on delivery condition / Prüfung auf lieferbarem Produkt / Test à l'état de fourniture / Prueba sobre el material así como entregado									
TEST	Provenienza/Provenance Spezies/Species Long Steel Grade Grade Steel Materiale/Thickens Long Steel Grade	Temp. °F	Prova Basso Tensione Tension	Snervamento Snervamento Yield Stress Yield strength	Snervamento Snervamento Yield Stress Yield strength	Resistenza Resistenza Tensile strength Tensile strength	Allungamento Allungamento Elongation Elongation	Strizione Strizione Reduction of area Reduction of area	Durezza Durezza Hardness Hardness
Valori richiesti		min							
A		max							383
A									344

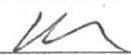
TEST ALLO STATO DI FORNITURA			
Test on delivery condition / Prüfung auf lieferbarem Produkt / Test à l'état de fourniture / Prueba sobre el material así como entregado			
TEST		min	max
A	Delta Ferrite		5,0
A	Grain size for ASTM E112		0,1 %
A	RATINGS FREQUENCY		8
A	RATINGS SEVERITY		0

Sample cond. H900									
Type of Treatment / Wärmebehandlung / Traitement thermique / Tratamiento térmico									
Température Temperatur Temperature	Raffreddamento Abkühlung Cooling	Permanenza Haltezeit Retention	Température Temperatur Temperature	Raffreddamento Abkühlung Cooling	Permanenza Haltezeit Retention	Température Temperatur Temperature	Raffreddamento Abkühlung Cooling	Permanenza Haltezeit Retention	Température Temperatur Temperature
Agg.	800°F	Air	80						
TEST	Provenienza/Provenance Spezies/Species Long Steel Grade Grade Steel Materiale/Thickens Long Steel Grade	Temp. °F	Prova Basso Tensione Tension	Snervamento Snervamento Yield Stress Yield strength	Snervamento Snervamento Yield Stress Yield strength	Resistenza Resistenza Tensile strength Tensile strength	Allungamento Allungamento Elongation Elongation	Strizione Strizione Reduction of area Reduction of area	Durezza Durezza Hardness Hardness
Valori richiesti		min		170		190		40	388
B		max		180		200		52	444

Mechanical properties according to ASTM A370.  
Delta Ferrite according to AMS 2315.

Vicenza, 27/08/15 VC0000 (Mod MCEZ)	Il collaudatore di stabilimento / der Werkstoffprüfer / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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# Certificate of Mill Test Results

Signed by:  BL. PEC-996953-001 23Jun16 Pg 2/2

## Acciaierie Valbruna S.p.A.



**CERTIFICATO DI COLLAUDO  
ABNAHMEPRUEFZEUGNIS  
INSPECTION CERTIFICATE  
CERTIFICAT DE RECEPTION  
EN 10204 (2004), 3.1**

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Telefono 0444.968211 - Fax 0444.963838  
Stab.: 36100 BOLZANO (Italia) - Via A. Volta, 4/37  
Telefono 0471.924111 - Fax 0471.924497

Cliente / Besteller/Purchaser/Cliant  
**VALBRUNA CANADA LTD**  
8724 HOLLGATE CRESCENT  
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller/Hersteller/Manufacturer

Stato di fornitura: Hot rolled - COND. A Peeled  
Lieferzustand / Delivery state Reeled/Polished  
Etat de livraison

Avviso di Spedizione:  
Lieferanweisung/Packing list: **D-V15022085**

Ordine nr: 502005152 Stock - Canada  
Bestell-  
Your order  
Commande

Tipo di Elaborazione: E+AOD  
Erweiterungsbearbeitung/Working process/Mode d'elaboration

Certificato nr: **MEST733693/2015/**

Prüfung/Testing

Conferma ordine nr: **E115001310**

Werk/Our Order/Ref. nr.

Marchio di Fabbrica:

Zeichen des Unternehmens  
Trade mark  
Sigle de l'usine productrice

Funzione del Collaudatore:  
Stempel des Werksachverständigen  
Inspector's stamp/Person de l'essayeur



MR

### Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Coats / steel Schmelze/Coûle	min - max	0,75 1,00	1,00	15,00 17,00	0,30 0,50	3,00 5,00	3,00 5,00	-	-	0,130 0,080	-	-	-	-	-	-	-	-	
		C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	S %	N %	Ta %							
266870		0,034	0,48	0,56	15,25	0,30	3,22	4,63	0,060	0,001	0,041	0,0027							
Grate - steel Schmelze/Coûle	min - max	0,150 0,350	S %		0,350														
		Nb%+Ta%		Cb(Nb)%															
266870		0,295		0,292															

Ultrasonic volumetric test according to ASTM A388: pass.

Micro and macro etch test: satisfactory.

Produced without class I-II Ozone depleting substances.

Macroetch test per ASTM E340: acceptable.

Furnace calibrated according to AMS-H-6875-A; APRIL 2006

Reduction ratio = 103,2 : 1

Material solution annealed 1904°F for 1 h,

air cooled to below 90°F.

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste  
Die gesamten Anforderungen sind erfüllt  
The material has been furnished in accordance with the requirements  
Le matériel a été livré conforme aux exigences

Controllo antimescolanza: OK  
Vermeidungsmischung: spezifiziert/technisch durchgeführt  
Antimixing testing performed OK  
Contrôle antimélange fait: O.K.

Controllo visivo e dimensionale: soddisfa le esigenze  
Beichtigung und Ausmessung: ohne Beanstandung  
Visual inspection and dimensional checks satisfactory  
Contrôle visuel et dimensionnel satisfaisant

Melted and manufactured in Italy

No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive '97/23/EC' Annex 1, s. 4.3 by TUEV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

Maximal and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 27/08/15  
VC0008  
(Mod. MCE2)

Il collaudatore di stabilimento / der Werksachverständigen / Works Inspector / L'agent d'usine

M. Rizzotto 

Pagina - 2 di 2



# CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 01 of 02

Certification Date  
6-JUL-2016

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number  
T355318

70050  
PART NUMBER/NUMÉRO DE PIÈCE

0001 511673

SOLD TO: ACIER CAMPI INC.  
VENDU À:

935 BLVD DU HAVRE  
VALLEYFIELD QC J6S 5L1

SHIP TO:  
EXPÉDIÉ À:

ACIER CAMPI INC.

935 BOULEVARD DU HAVRE  
VALLEYFIELD QC J6S 5

Description: 17-4 HRAP BAR SOL ANN ASTM A564  
1/4 X 4 FLAT X 12" R/L  
HEAT: 267136

ITEM: 511673

Line Total: 42 LB

Specifications:

AMS 5643 T

ASTM F899 12

48

9-89

ASTM A564 T630 13

AMS 2303 F

ASME SA564 T630 13

ASTM A370 14

## CHEMICAL ANALYSIS

C	SI	MN	CR	MO	CU	NI	CO
0.0360	0.44	0.56	15.32	0.23	3.30	4.70	0.068
P	S	N	TA	NBTA			
0.026	0.001	0.038	0.0018	0.291			

RCPT: R793733

COUNTRY OF ORIGIN : ITALY

## MECHANICAL PROPERTIES

DESCRIPTION	YLD STR	ULT TEN	%ELONG	%RED IN AREA	HARDNESS BHN
COND A					340

DESCRIPTION	YLD STR KSI	ULT TEN KSI	%ELONG IN 02 IN	%RED IN AREA	HARDNESS BHN
DEV: H900 L	181.0	200.0	18.0	53.0	437

GRAIN SIZE : 6 -

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession./Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE  
GÉRANT DE L'ASSURANCE QUALITÉ

# CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 02 of 02

Certification Date  
6-JUL-2016

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number  
T355318

70050  
PART NUMBER/NUMÉRO DE PIÈCE  
0001 511673

SOLD TO: ACIER CAMPI INC.  
VENDU À: 935 BLVD DU HAVRE  
VALLEYFIELD QC J6S 5L1

SHIP TO: ACIER CAMPI INC.  
EXPÉDIÉ À: 935 BOULEVARD DU HAVRE  
VALLEYFIELD QC J6S 5

Description: 17-4 HRAP BAR SOL ANN ASTM A564  
1/4 X 4 FLAT X 12' R/L  
HEAT: 267136

ITEM: 511673

Line Total: 42 LB

MATERIAL IS FREE FROM MERCURY CONTAMINATION  
NO WELD REPAIR PERFORMED ON MATERIAL  
MACRO: OK  
MICRO1: OK

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.  
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Material did not come in contact with mercury while in our possession./Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE  
GÉRANT DE L'ASSURANCE QUALITÉ

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 17-4 80.250X4.00

PO / BATCH NO: PO 327127

DATE: 11/10/08

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .250

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .253

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: Ø

QUANTITY REJECTED: Ø

SHEET SIZE RECEIVED: Ø

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	AMS 5643
CORRECT THICKNESS	(Y)	N	.253
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	17-4
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 267136
CORRECT MATERIAL IDENTIFICATION	(Y)	N	M174B0.250X4.000
CORRECT M# ON THE MATERIAL	(Y)	N	M135174
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.  
RECORD RESULTS BELOW

TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: 48  
2-89 9-80

SIGNED OFF BY: \_\_\_\_\_

DATE: 11/10/08

DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M17420.750  
 DATE: 16/07/08

PO / BATCH NO.: PO 32767

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750  
 THICKNESS RECEIVED: .749  
 SHEET SIZE ORDERED: 0  
 SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	AMS 5643
CORRECT THICKNESS	(Y)	N	.749
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	17-4
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 266870
CORRECT MATERIAL IDENTIFICATION	(Y)	N	M17420.750
CORRECT M# ON THE MATERIAL	(Y)	N	M135174
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.  
 RECORD RESULTS BELOW

TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY: <u>48</u> DATE: <u>16/07/08</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in